



Purchasing Agent: Debbie Gundersen

Item: MOTOR GRADERS - 29,000 LB. AND 32,000 LB. - NEW EQUIPMENT

Vendor: 40994F-A Komatsu Equipment Company
2350 West 1500 South
Salt Lake City, UT 84126

Internet Homepage: komatsueq.com

Telephone: (801) 972-3660

Fax number: (801) 975-1354

Contact: Doug Tripp

Email address: dougt@komatsueq.com

Brand/trade name: Komatsu

Price: See attached price list

Terms: Net 30 Days

Effective dates: 08/10/2000 through 08/10/2002

Days required for delivery: 90 Days

Price guarantee period: 1 Year

Minimum order: One

Min shipment without charges: Included in pricing

Other conditions: Per Komatsu pricing list 1/2000

THIS IS A NEW CONTRACT.

This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. Agencies will return to the vendor any invoice which reflects incorrect pricing.



DESCRIPTION	PRICE
29,000 LB MOTOR GRADER - NEW - DELIVERED	\$89,641
32,000 LB MOTOR GRADER - NEW - DELIVERED	\$92,540
OPTIONS;	
Factory cab air conditioning	\$ 3,368
AM / FM - Cassette radio	\$ 250
To have lower opening window's	\$ 506
Front wheel hydrostatic drive. Hydraulic motor in each front wheel driven by a dedicated variable displacement pump. Front and rear electronic sensors, automatically control front wheel assist in all gears. A special circuit transfers power from a slipping front wheel to the front wheel with traction.	\$22,165
Additional hydraulic controls to have float position to the front push block	\$ 984
Henke all hydraulic wing plow, 12 ft., with hydraulically adjustable rear support, with hydraulic controls	\$9,259
To have minimum of 60 GPM hydraulics.	INCLUDED
Transmission bottom guard.	\$ 372
Front mounted snow plow lights.	\$ 240
Wing plow lights.	\$ 200
Mold board and side shift accumulators.	\$ 1,134



DESCRIPTION	PRICE
Rear scarifier / ripper combination with a float control and 3 ripper shanks minimum.	\$ 7,966
Amber 12 volt light bar, with 2 rotating lights minimum, mounted on cab with gutter clamps. No mounting holes in cab roof. To be power by one or more convert's if necessary to change from 24 volts to 12 volts. With reserve capacity to handle 10 amp 2-way radio. Note: 2-way radio will be supplied and installed by purchasing agency.	\$ 970
Additional convert, 24 - 12 volts -15 amp.	\$ 360
One complete set of replacement filter's for each unit delivered.	\$ 246
Repair Manual (printed copy.)	\$ 170
Repair Manual (CD/ROM- media.)	\$ 300

Manuals

Vendor shall provide 2 copies of operator's manuals and parts.

Training

To provide, one (1) day factory training at U.D.O.T. location.

Delivery

Delivery is to be made within 100 days after receipt of order. Delivery must also include MSO and application for title.

Invoices will not be approved or payment until all documentation and manuals have been received.



PRICE AGREEMENT FOR **MOTOR GRADERS** AND OPTION'S. TO BE 6 X 4 AND 6 X 6 CLASS'S

Equipment furnished to any state agency must meet current state and federal safety regulations.

General Specifications:

The equipment is to be delivered assembled, serviced, tested and ready to operate with correct fluids at operation levels and unit to have a full tank of fuel.

Warranty "EXTENDED" 3 YEAR/3000 HOURS

Detailed Specifications

Weight To have a minimum operating weight with cab and without add-on weight, wheel ballast or plows to be at least 29,000 lb for item 1 and 32,000 lb for item 2 .

Dimensions To be: Over all length with-out scarifier to be 28 ft. maximum.
Over all width to be 7 ft. 6 in. to 8 ft. 6 in.

Engine To be a wet sleeve, diesel engine, turbo charged, 151 gross HP minimum for the 29,000 lb class. Variable horse power preferred.
To be 166 gross variable horse for the 32,000 lb class.
To have dual element air filter with latching restriction gauge in cab preferred. To have block heater, 120 volt, 1000 watt minimum, with plug-in receptacle located on left side of cab.
To have starting aid and cooling system protected to -30° F.



- Trans. To have direct- drive power shift or torque converter drive.
If using a torque converter, to have integral free wheeling stator type, using new generation converter - permitting low engine speeds and top gear roading with-out over heating hydraulics, trans. or engine. (I nclude data sheet to support high-gear transporting.)
To have a minimum 6 speed forward, and 3 speed reverse minimum.
Travel speed to be approximately 2.5 mph (with no tire slip) in low speed to 25 mph in high gear. To have traction control differential.
- Axles Front axles, to be heavy-duty, welded box construction.
To have 32- degree front axle oscillation, 17.5 - degree wheel lean each direction minimum. Axle to be of sufficient strength to allow mounting of front V-plow, blade or attachments. Drive axles, to be inboard planetary gear drive to each wheel. To have lock-unlock, engage-able, on-the-go in any gear.
- Brakes To have enclosed wet disk brakes with accumulators or supplemental provision for dead engine braking. To have hydraulic park brake which actuates caliper with trans interlock preferred.
- Hydraulics To have load sensing closed center hydraulics with variable displacement piston pump. To have minimum of 45 GPM hyd. pressure. To have double acting anti drift check valves on blade lift, tilt, shift, leaning wheels and scarifier.
- Steering To hydraulic power system providing stopped engine steering meeting SAE J53 and J1511.
To have turning radius 24' 4" with 20 degree articulation minimum.
- Tires/
Wheels Tires to be 14.00 X 24, 12 pr. tubeless, radial tires with 10", 3 piece rims. To have matching spare tire and rim.



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Moldboard To have:

Moldboard thickness - 0.75 in. minimum.

Circle shift - 20.5 in. minimum left or right.

Blade lift - 17 in minimum.

Blade tip - 45 degrees forward, 5 degrees rear ward

To have full hydraulic control including circle side shift, blade side shift, circle rotation, saddle rotation, blade pitch, and blade float.

_____ Cab shall be low profile design not to exceed 10 feet 2 inch overall height and shall be SAE ROPS certified.

cloth suspension seat that will adjusted to operator weight, leg reach, back angle, arm rest and floor mats.

filter, front and rear windshield wipers, inside mounted rear view mirror, west coast type outside mirrors, tinted safety glass, dome

auxiliary hydraulics and lockable cab doors.

To have lower window washer's and wiper's on both sides.

_____ To have large side windows that offer a clear view of the moldboard heel.

_____ To have vandalism protection package.

Accessories

To have front, rear work lights.

To have tail lights, hazard flashers and turn signals.

To have battery disconnect switch.

Electrical

To have head lights.

To have 75 amp alternator minimum.



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To have dash mounted gauges and/or monitoring system that will

Transmission temperature,
Engine coolant temperature,

Parking brake engagement,
Rear steer indicator,

Air filter restriction indicator or latching restriction gauge in cab.
Fuel, electric voltage, and electric hour meter.

visual warning.

Paint

Unit to be painted manufacturer's standard color.

Manufacturer's emblem and model designation allowed but not to
exceed 4 inch high. All other advertising to be omitted.

Reports:

**THE CONTRACTOR WILL SUBMIT A REPORT TO THE STATE PURCHASING
AGENT SHOWING QUANTITIES AND DOLLAR VOLUME OF PURCHASES BY
EACH STATE AGENCY AND POLITICAL SUBDIVISION. THIS REPORT WILL BE
DUE 08/09/2001.**

FINET COMMODITY CODE; **FOR AGENCY USE ONLY**
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